



IT Corporation of North Carolina, Inc.

2200 Gateway Centre Boulevard, Suite 205

Morrisville, NC 27560-9122

Tel. 919.467.2227

Fax. 919.467.2299

A Member of The IT Group

April 2, 2001

Ms. Melanie Wells

North Carolina Department of Environment and Natural Resources

Division Waste Management – Winston Salem Office

C/o Guilford County Environmental Health

1100 E. Wendover Avenue

Greensboro, NC 27405

Subject:

Well Abandonment Report

Former Summit Avenue Sunoco

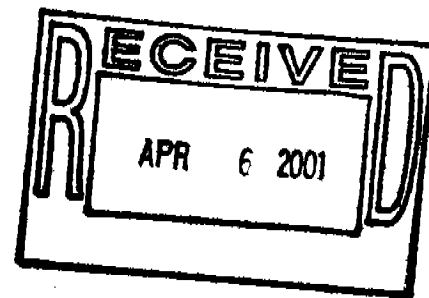
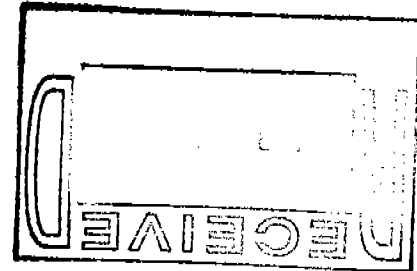
1103 Summit Avenue

Greensboro, Guilford County, NC

Incident #10141

Low Risk Classification

Sunoco Duns # 0276-0007



Dear Ms. Wells:

IT Corporation of North Carolina, Inc., on behalf of our client Sunoco Inc., has completed well abandonment activities as part of site closure, in accordance with 15A NCAC 2C.0113 and .0214, respectively.

Nine monitoring wells had been previously present on the subject site. The site is currently operated by MidState Petroleum Company. In the summer of 2000, MidState Petroleum Company performed extensive work to the site including re-paving. According to observations made during a site visit by IT Corporation personnel during the site construction activities, several wells were not able to be found and were presumed destroyed due to construction activities. On February 16, 2001 Geologic Exploration, Inc. abandoned monitoring wells MW-2, MW-3, MW-7, and MW-9. The known locations of monitoring wells MW-1, MW-4, VMW-5, MW-6, and VMW-8 were extensively searched, however the wells were not found.

It was noted that new asphalt/concrete was present on the site during well abandonment activities. It is assumed that these wells had been destroyed during re-paving and construction activities. Each remaining well was filled with portland cement and bentonite slurry until level with the surface and sealed. A copy of the site map illustrating the former locations of the wells is included as **Figure 1**. Well abandonment records are included in **Attachment A**.

Well Abandonment Report

Former Summit Avenue Sunoco, 1103 Summit Avenue, Greensboro, Guilford County, NC

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April 2, 2001

Proof of completion of the Public Notice process was provided to DENR on January 24, 2001. Remaining site activities include submittal of final reimbursement applications only. If you have any questions concerning this project, please call Steve Brown or Phil Bradley at (919) 467-2227, extensions 244 and 231, respectively.

Sincerely,

IT CORPORATION OF NORTH CAROLINA, INC.



Phil Bradley
Staff Geologist



Steve L. Brown
Project Manager

Attachments

Cc: Dan Shine (Sunoco, Inc.)
File C3

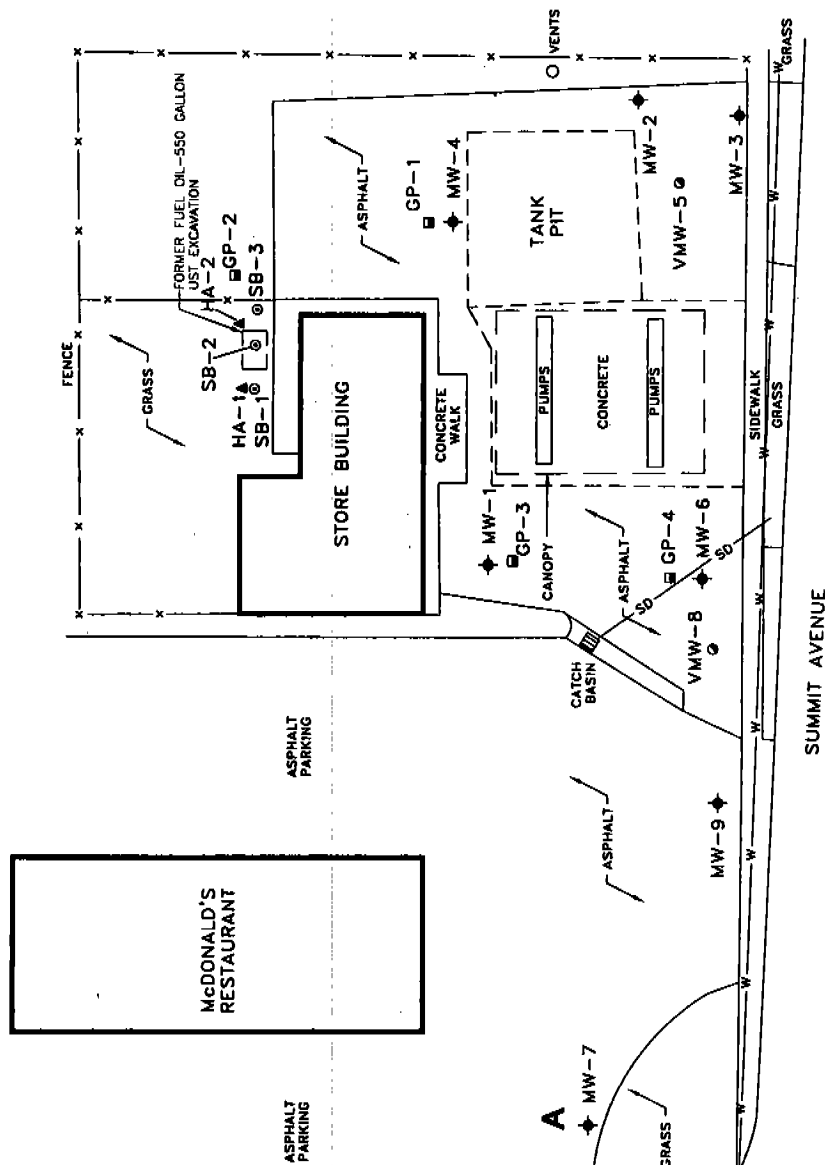
LEGEND

- ◆ MONITORING WELL
- VERTICAL DEFINITION MONITORING WELL
- SD— UNDERGROUND STORM DRAIN
- W— UNDERGROUND WATER LINE
- ⊙ SOIL BORING
- GEOPROBE BORING LOCATION
- ▲ HAND AUGER LOCATION

NOTE: OVERHEAD UTILITY LINES RUN PARALLEL TO SUMMIT AVENUE.



MW-10



SOURCE: JAMES L. HAINES & ASSOC. - 6/24/93 SURVEY



IT CORPORATION OF NORTH CAROLINA, INC.
1000 PERIMETER PARK DR.
SUITE 1
GREENSBORO, NC 27409
(919) 487-2227
A Member of The IT Group

REV. NO.: 10/14/98
DRAWING DATE: 10/14/98
ACAD FILE: 5445-SIT

GEOPROBE BORING LOCATION MAP

CLIENT:	SUN COMPANY, INC.	DATE:	10/14/98
LOCATION:	1103 SUMMIT AVE. GREENSBORO, NC	PROJECT NO.:	102595
DESIGNED:	PKP/RHW	FIGURE:	1

ATTACHMENT A

MW-2

North Carolina
Department of Natural Resources and Community Development
Division of Environmental Management
Groundwater Section
P. O. Box 27687 - Raleigh, NC 27611

WELL ABANDONMENT RECORD

Geologic Exploration

CONTRACTOR: BRIAN THOMAS

REG. NO. 2581

1. WELL LOCATON: (Show a sketch of the location on back of form)

Nearest Town: GREENSBORO

County: GUILFORD

SUMMITT AVE.

(Road, Community, Subdivision, Lot No.)

Quadrangle No.

2. OWNER: MID-STATE PETROLEUM

3. ADDRESS: 1820 S MAIN ST. LEXINGTON, NC

4. TOPOGRAPHY: draw, slope hilltop, valley, flat

5. USE OF WELL: MONITOR DATE: 2-16-01

6. TOTAL DEPTH: 22.0 FEET DIAMETER: 4 INCH

7. CASING REMOVED:

feet

diameter

N/A

N/A

8. SEALING MATERIAL:

Neat cement

Sand cement

bags of cement

-

bags of cement

-

gals. of water

-

yds. of sand

-

gals. of water

-

Other

Type material PORTLAND BENTONITE SLURRY

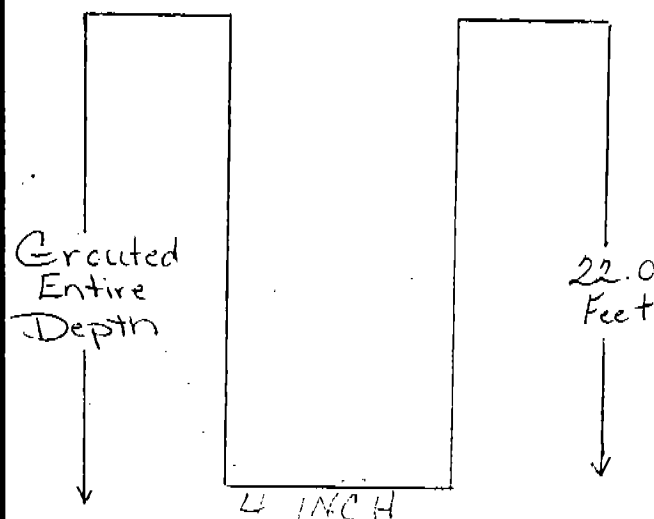
Amount 22 GALLONS

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL

MW-2

VIA TREMIE PIPE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and dia- meter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent

Brian Thomas

Date

2-28-01

WELL LOCATION:

Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

MW-3

North Carolina
Department of Natural Resources and Community Development
Division of Environmental Management
Groundwater Section
P. O. Box 27687 - Raleigh, NC 27611

WELL ABANDONMENT RECORD

Geologic Exploration

CONTRACTOR: BRIAN THOMAS

REG. NO. 2581

1. WELL LOCATON: (Show a sketch of the location on back of form)

Nearest Town: GREENSBORO

County: GUILFORD

SUMMITT AVE.

(Road, Community, Subdivision, Lot No.)

Quadrangle No.

2. OWNER: MID-STATE PETROLEUM

3. ADDRESS: 1820 S MAIN ST. LEXINGTON, NC

4. TOPOGRAPHY: draw, slope hilltop, valley, flat

5. USE OF WELL: MONITOR DATE: 2-16-01

6. TOTAL DEPTH: 20.0 FEET DIAMETER: 4 INCH

7. CASING REMOVED:

feet

diameter

N/A

N/A

8. SEALING MATERIAL:

Neat cement

Sand cement

bags of cement

-

bags of cement

-

gals. of water

-

yds. of sand

-

gals. of water

-

Other

Type material PORTLAND BENTONITE SLURRY

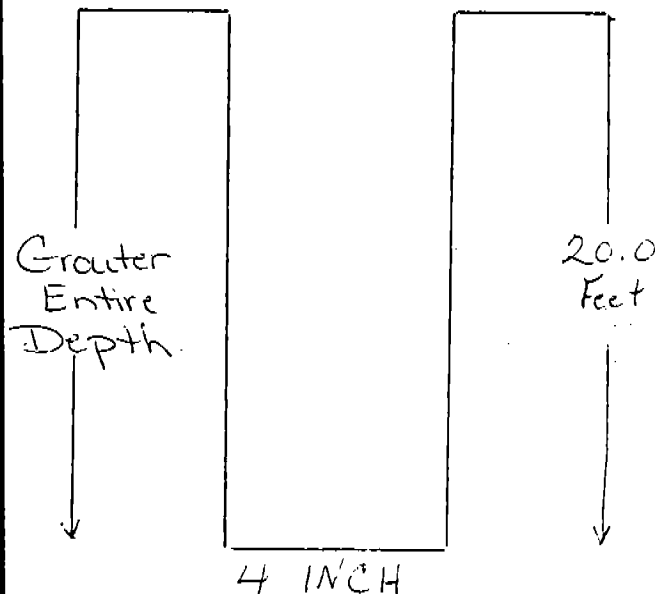
Amount 20 GALLONS

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL

MW-23

VIA TREMIE PIPE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and dia- meter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent

Brian Thomas

Date

2-28-01

WELL LOCATION:

Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

mw-7

North Carolina
Department of Natural Resources and Community Development
Division of Environmental Management
Groundwater Section
P. O. Box 27687 - Raleigh, NC 27611

WELL ABANDONMENT RECORD

CONTRACTOR: BRIAN THOMAS

Geologic Exploration

REG. NO. 2581

1. WELL LOCATON: (Show a sketch of the location on back of form)

Nearest Town: GREENSBORO

County: GUILFORD

SUMMITT AVE.

(Road, Community, Subdivision, Lot No.)

Quadrangle No.

2. OWNER: MID-STATE PETROLEUM

3. ADDRESS: 1820 S MAIN ST. LEXINGTON, NC

4. TOPOGRAPHY: draw, slope hilltop, valley, flat

5. USE OF WELL: MONITOR DATE: 2-16-01

6. TOTAL DEPTH: 25.0 FEET DIAMETER: 2 INCH

7. CASING REMOVED:

feet

diameter

N/A

N/A

8. SEALING MATERIAL:

Neat cement

Sand cement

bags of cement

-

bags of cement

-

gals. of water

-

yds. of sand

-

gals. of water

-

Other

Type material PORTLAND BENTONITE SLURRY

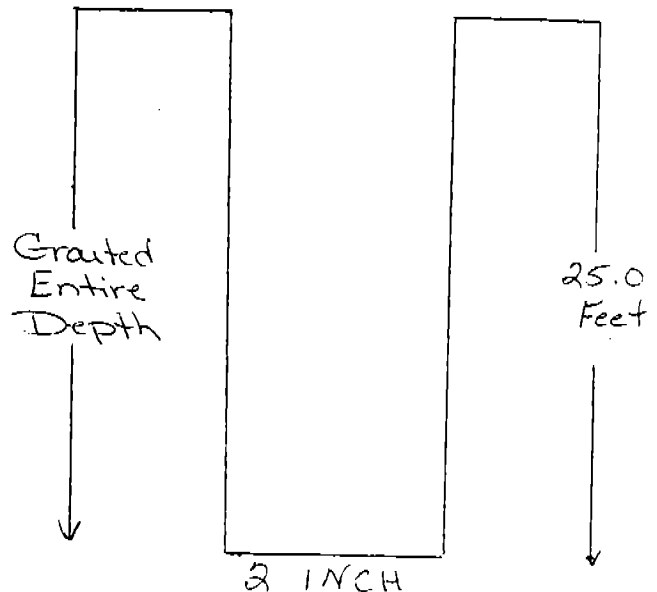
Amount 6 GALLONS

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL

MW-7

VIA TREMIE PIPE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and dia- meter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent

Brian Thomas

Date

2-28-01

WELL LOCATION:

Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

MW-9

North Carolina
Department of Natural Resources and Community Development
Division of Environmental Management
Groundwater Section
P. O. Box 27687 - Raleigh, NC 27611

WELL ABANDONMENT RECORD

Geologic Explanation

CONTRACTOR: BRIAN THOMAS

REG. NO. 2581

1. WELL LOCATON: (Show a sketch of the location on back of form)

Nearest Town: GREENSBORO

County: GUILFORD

SUMMITT AVE.

(Road, Community, Subdivision, Lot No.)

Quadrangle No.

2. OWNER: MID-STATE PETROLEUM

3. ADDRESS: 1820 S MAIN ST. LEXINGTON, NC

4. TOPOGRAPHY: draw, slope hilltop, valley, flat

5. USE OF WELL: MONITOR DATE: 2-16-01

6. TOTAL DEPTH: 24.0 FEET DIAMETER: 2 INCH

7. CASING REMOVED:

feet

diameter

N/A

N/A

8. SEALING MATERIAL:

Neat cement

Sand cement

bags of cement

-

bags of cement

-

gals. of water

-

yds. of sand

-

gals. of water

-

Other

Type material PORTLAND BENTONITE SLURRY

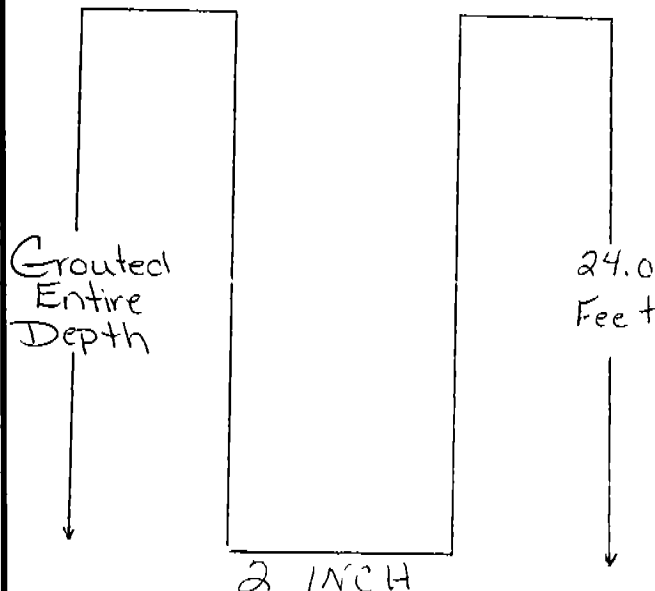
Amount 6 GALLONS

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL

MW-9

VIA TREMIE PIPE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and dia- meter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent

Brian Thomas

Date

2-28-01

WELL LOCATION:

Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.